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MILK

PRODUCTION, DISPOSITION, INCOME 1975-77

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MILK PRODUCTION, DISPOSITION AND INCOME, 1977

Cash receipts from marketings of milk and cream in 1977 were at a record \$11.8 billion -- 3 percent above the previous high of \$11.4 billion in 1976. Increased marketings and higher milk prices contributed to the increase in cash receipts. Producer returns from combined marketings averaged \$9.80 per hundredweight, up 6 cents from 1976.

Milk production in 1977 totaled 123 billion pounds (55.8 million metric tons), 2 percent above 1976. The 1977 production was 3 percent below the record high 1964 output of 127 billion pounds (57.6 million metric tons) and the largest since 1965. Producers marketed 120 billion pounds (54.5 million metric tons) -- milk equivalent -- compared with 117 billion pounds (53.2 million metric tons) in 1976. Marketings include whole milk and producer-separated cream sold to plants and dealers, as well as milk sold directly to consumers.

Plants and dealers purchased 118 billion pounds (53.7 million metric tons) of milk in 1977, up 2 percent from 1976. Cash receipts in this category amounted to \$11.5 billion -- up 3 percent from the previous year. Returns from cream sales, at \$6.8 million, were down 3 percent from a year earlier. Direct sales to consumers amounted to \$257.1 million, up slightly from 1976.

An estimated 2.83 billion pounds (1.28 million metric tons) of milk were used where produced -- 5 percent less than a year earlier. Nearly one-half was consumed in producer households as fluid milk, cream, and butter and the balance was fed to calves.

1977 MILK PRICES AND FAT TESTS

Milk prices and fat test for all States for 1977 are shown on page 3, 12, 14, and 15 and include revisions where necessary.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, UNITED STATES, 1975-77

YEAR	NUMBER OF MILK COWS <u>1/</u>	PRODUCTION OF MILK AND MILKFAT <u>2/</u>				
		PER MILK COW		PERCENTAGE	TOTAL	
		MILK	MILKFAT	OF FAT IN ALL MILK PRODUCED	MILK	MILKFAT
	THOUS	LBS		PCT	MIL LBS	
1975	11,143	10,350	380	3.68	115,334	4,238
1976	11,055	10,879	399	3.66	120,269	4,406
1977	10,984	11,194	409	3.65	122,957	4,492

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETING BY PRODUCERS, UNITED STATES, 1975-77

YEAR	MILK USED WHERE PRODUCED			MILK MARKETING BY PRODUCERS			
	FED TO CALVES <u>1/</u>	USED FOR MILK, CREAM AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS <u>2/</u>		SOLD DIRECTLY TO CONSUMERS <u>3/</u>	TOTAL
				AS WHOLE MILK	AS SEPARATED CREAM		
				MIL LBS			
1975	1,567	1,505	3,072	110,385	314	1,563	112,262
1976	1,562	1,404	2,966	115,558	230	1,515	117,303
1977	1,534	1,296	2,830	118,418	205	1,504	120,127

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS. 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MILK AND CREAM MARKETING BY PRODUCERS: QUANTITY, PRICE, AND CASH RECEIPTS, UNITED STATES, 1975-77

YEAR	MILK SOLD TO PLANTS AND DEALERS			CREAM SOLD TO PLANTS AND DEALERS			MILK SOLD DIRECTLY TO CONSUMERS		
	QUANTITY	PRICE	CASH	QUANTITY	PRICE	CASH	QUANTITY	PRICE	CASH
	MIL LBS	PER 100 LB	1,000 DOL	1,000 LBS	PER LB OF FAT	1,000 DOL	1,000 QT	PER QUART	1,000 DOL
1975	110,385	8.75	9,657,132	11,437	70.3	8,039	726,837	35.4	257,362
1976	115,558	9.66	11,165,363	8,350	83.4	6,966	704,510	36.4	256,126
1977	118,418	9.72	11,512,540	7,427	91.4	6,786	699,349	36.8	257,113

MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, UNITED STATES, 1975-77

YEAR	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK, CREAM AND BUTTER WHERE PRODUCED		GROSS PRODUCERS INCOME <u>3/</u>	VALUE OF ALL MILK PRODUCED <u>2/ 4/</u>
	MILK UTILIZED	AVERAGE RETURNS <u>1/</u>		CASH RECEIPTS FROM MARKETINGS	MILK UTILIZED	VALUE <u>2/</u>		
		PER 100 POUNDS OF MILK	PER POUND OF MILKFAT					
	MIL LBS	DOL	1,000 DOL	1,000 DOL	MIL LBS	1,000 DOL		
1975	112,262	8.84	2.40	9,922,533	1,505	133,940	10,056,473	10,192,739
1976	117,303	9.74	2.66	11,428,455	1,404	137,998	11,566,453	11,714,591
1977	120,127	9.80	2.68	11,776,439	1,296	127,856	11,904,295	12,051,465

1/ CASH RECEIPTS DIVIDED BY MILK OR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND FARM-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1975

STATE	NUMBER OF MILK COWS 1/ THOUS	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL	
		MILK	MILKFAT		MILK	MILKFAT
		LBS		PCT	MIL LBS	
ALA	91	7,538	277	3.68	686	25
ALAS	1.6	10,500	362	3.45	16.8	.6
ARIZ	67	12,537	445	3.55	840	30
ARK	90	7,856	280	3.57	707	25
CALIF	800	13,566	492	3.63	10,853	394
COLO	74	11,419	416	3.64	845	31
CONN	54	11,259	419	3.72	608	23
DEL	12.2	10,410	382	3.67	127.0	4.7
FLA	197	9,929	350	3.53	1,956	69
GA	129	9,295	337	3.63	1,199	44
HAW	13.1	11,145	380	3.41	146.0	5.0
IDAHO	147	10,578	390	3.69	1,555	57
ILL	243	10,041	372	3.70	2,440	90
IND	215	10,279	388	3.77	2,210	83
IOWA	401	9,708	358	3.69	3,893	144
KANS	144	9,743	352	3.61	1,403	51
KY	287	8,080	297	3.67	2,319	85
LA	136	7,750	285	3.68	1,054	39
MAINE	60	10,483	385	3.67	629	23
MD	143	10,559	388	3.67	1,510	55
MASS	54	11,130	404	3.63	601	22
MICH	411	10,732	398	3.71	4,411	164
MINN	884	10,120	367	3.63	8,946	325
MISS	122	7,180	265	3.69	876	32
MO	302	9,404	340	3.62	2,840	103
MONT	27	10,296	375	3.64	278	10
NEBR	152	9,414	346	3.68	1,431	53
NEV	14.0	12,000	433	3.61	168.0	6.1
N H	32	10,500	393	3.74	336	13
N J	47	11,234	415	3.69	528	19
N MEX	31	11,806	408	3.46	366	13
N Y	917	10,866	392	3.61	9,964	360
N C	146	10,205	374	3.66	1,490	55
N DAK	115	7,974	285	3.57	917	33
OHIO	400	10,648	397	3.73	4,259	159
OKLA	119	8,908	317	3.56	1,060	38
OREG	91	10,879	424	3.90	990	39
PA	699	10,215	379	3.71	7,140	265
R I	5.9	10,678	381	3.57	63.0	2.2
S C	57	8,982	349	3.89	512	20
S DAK	173	8,994	315	3.50	1,556	54
TENN	215	9,447	350	3.71	2,031	75
TEX	333	9,634	339	3.52	3,208	113
UTAH	79	11,633	427	3.67	919	34
VT	193	10,409	383	3.68	2,009	74
VA	173	10,150	370	3.65	1,756	64
WASH	181	12,829	484	3.77	2,322	88
W VA	41	8,537	317	3.71	350	13
WIS	1,812	10,430	391	3.75	18,900	709
WYO	11.9	9,244	336	3.64	110.0	4.0
U S	11,143	10,350	380	3.68	115,334	4,238

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETING BY PRODUCERS, BY STATES, 1975

STATE	MILK USED WHERE PRODUCED			MILK MARKETED BY PRODUCERS			
	FED TO	USED	TOTAL	SOLD TO PLANTS	SOLD	TOTAL	
	CALVES 1/	FOR MILK, CREAM AND BUTTER		AND DEALERS 2/	DIRECTLY TO CONSUMERS 3/		
				AS WHOLE MILK	AS SEPARATED CREAM		
MIL LBS							
ALA	6	26	32	635		19	654
ALAS	0.2	0.5	0.7	15.3		0.8	16.1
ARIZ	7	2	9	780		51	831
ARK	8	32	40	655		12	667
CALIF	82	14	96	10,405		352	10,757
COLO	25	17	42	765	5	33	803
CONN	6	6	12	575		21	596
DEL	1	2	3	123		1	124
FLA	6	13	19	1,880		57	1,937
GA	6	19	25	1,170		4	1,174
HAW	1.5	0.8	2.3	143.7		4/	143.7
IDAHO	32	17	49	1,490	2	14	1,506
ILL	24	18	42	2,395	1	2	2,398
IND	18	23	41	2,155	5	9	2,169
IOWA	80	75	155	3,700	25	13	3,738
KANS	22	24	46	1,330	12	15	1,357
KY	30	124	154	2,150		15	2,165
LA	4	27	31	1,010		13	1,023
MAINE	6	7	13	605		11	616
MD	11	16	27	1,475		8	1,483
MASS	5	7	12	555		34	589
MICH	50	26	76	4,280	30	25	4,335
MINN	147	80	227	8,705	11	3	8,719
MISS	3	28	31	840		5	845
MO	28	51	79	2,725	17	19	2,761
MONT	8	14	22	239	13	4	256
NEBR	24	27	51	1,330	46	4	1,380
NEV	3	2	5	162	0.1	0.9	163
N H	4	5	9	320		7	327
N J	5	4	9	498		21	519
N MEX	4	7	11	335		20	355
N Y	139	89	228	9,645		91	9,736
N C	10	70	80	1,390		20	1,410
N DAK	27	25	52	805	56	4	865
OHIO	58	53	111	4,130	1	17	4,148
OKLA	16	28	44	995	6	15	1,016
OREG	26	9	35	910	3	42	955
PA	41	90	131	6,705	15	289	7,009
R I	1	1	2	60		1	61
S C	8	14	22	481		9	490
S DAK	25	26	51	1,445	55	5	1,505
TENN	54	60	114	1,905		12	1,917
TEX	32	47	79	3,090		39	3,129
UTAH	8	14	22	860		37	897
VT	30	16	46	1,955		8	1,963
VA	18	35	53	1,695	2	6	1,703
WASH	34	13	47	2,120	5	150	2,275
W VA	6	24	30	311	2	7	320
WIS	373	172	545	18,340		15	18,355
WYO	4	5	9	97	2	2	101
U S	1,567	1,505	3,072	110,385	314	1,563	112,262

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS (EXCEPT FOR NEW YORK AND CALIFORNIA, WHERE SUCH MILK IS INCLUDED AS MILK SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. INCLUDED IN MILK SOLD TO PLANTS.

MILK AND CREAM MARKETING BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1975

STATE	MILK SOLD TO PLANTS AND DEALERS				CREAM SOLD TO PLANTS AND DEALERS				MILK SOLD DIRECTLY TO CONSUMERS 4/		
	QUANTITY	PERCENT	PRICE	CASH RECEIPTS	QUANTITY MILKFAT	PRICE	CASH RECEIPTS	QUANTITY	PRICE	CASH RECEIPTS	
		FLUID	PER			PER LB			PER		
		GRADE 1/	100 LBS			FAT			QT		
	MIL LBS	PCT	DOL	1,000 DOL	1,000 LBS	CT	1,000 DOL	1,000 QTS	CT	1,000 DOL	
ALA	635	98	10.40	66,040				8,837	40.0	3,535	
ALAS	15.3	100	16.70	2,555				372	39.0	145	
ARIZ	780	100	9.00	70,200				23,721	33.0	7,828	
ARK	655	69	8.60	56,330				5,581	42.0	2,344	
CALIF	10,405	93	9.03	939,572				163,721	35.2	57,630	
COLO	765	2/	9.10	69,615	189	70	132	15,349	37.0	5,679	
CONN	575	100	9.80	56,350				9,767	45.0	4,395	
DEL	123	100	9.45	11,624				465	36.5	170	
FLA	1,880	100	11.30	212,440				26,512	39.2	10,393	
GA	1,170	100	9.80	114,660				1,860	42.0	781	
HAW	143.7	100	14.30	3/20,549							
IDAHO	1,490	37	8.10	120,690	74	66	49	6,512	38.0	2,475	
ILL	2,395	79	8.30	198,785	37	61	23	930	32.0	298	
IND	2,155	89	8.65	186,408	193	77	149	4,186	38.0	1,591	
IOWA	3,700	47	8.15	301,550	890	83	739	6,047	32.0	1,935	
KANS	1,330	84	8.75	116,375	434	55	239	6,977	39.0	2,721	
KY	2,150	76	8.45	181,675				6,977	38.0	2,651	
LA	1,010	100	10.30	104,030				6,047	39.0	2,358	
MAINE	605	100	9.75	58,988				5,116	42.0	2,149	
MD	1,475	100	9.45	139,388				3,721	36.5	1,358	
MASS	555	100	9.65	53,558				15,814	40.0	6,326	
MICH	4,280	95	8.65	370,220	1,137	96	1,092	11,628	43.0	5,000	
MINN	8,705	45	7.75	674,638	397	74	294	1,395	28.0	391	
MISS	840	96	9.50	79,800				2,326	35.0	814	
MO	2,725	62	8.20	223,450	636	76	483	8,837	37.0	3,270	
MONT	239	94	8.90	21,271	481	71	342	1,860	34.0	632	
NEBR	1,330	51	8.10	107,730	1,674	53	887	1,860	39.0	725	
NEV	162	100	8.85	14,337	4	63	3	419	35.0	147	
N H	320	100	9.60	30,720				3,256	39.0	1,270	
N J	498	100	9.15	45,567				9,767	32.6	3,184	
N MEX	335	100	9.75	32,663				9,302	48.0	4,465	
N Y	9,645	100	8.75	843,938				42,326	37.0	15,661	
N C	1,390	98	10.50	145,950				9,302	37.0	3,442	
N DAK	805	36	7.55	60,778	2,005	71	1,424	1,860	39.0	725	
OHIO	4,130	92	8.94	369,222	38	67	25	7,907	35.0	2,767	
OKLA	995	90	9.10	90,545	221	65	144	6,977	39.0	2,721	
OREG	910	84	9.00	81,900	125	76	95	19,535	34.0	6,642	
PA	6,705	98	9.25	620,213	554	60	332	134,419	31.0	41,670	
R I	60	100	9.50	5,700				465	45.0	209	
S C	481	100	10.60	50,986				4,186	42.5	1,779	
S DAK	1,445	20	7.60	109,820	1,914	69	1,321	2,326	33.0	768	
TENN	1,905	83	8.75	166,688				5,581	38.0	2,121	
TEX	3,090	100	9.45	292,005				18,140	40.0	7,256	
UTAH	860	75	8.50	73,100				17,209	28.0	4,819	
VT	1,955	100	9.40	183,770				3,721	36.0	1,340	
VA	1,695	90	9.50	161,025	78	48	37	2,791	43.0	1,200	
WASH	2,120	100	8.70	184,440	203	68	138	69,767	34.0	23,721	
W VA	311	2/	9.15	28,457	79	48	38	3,256	41.0	1,335	
WIS	18,340	64	8.17	1,498,378				6,977	31.0	2,163	
WYO	97	2/	8.70	8,439	74	72	53	930	39.0	363	
U S	110,385	80	8.75	9,657,132	11,437	70.3	8,039	726,837	35.4	257,362	

1/ PERCENTAGE OF MILK SOLD TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES). INCLUDES FLUID-GRADE MILK USED IN MANUFACTURED DAIRY PRODUCTS. 2/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. 3/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLD DIRECT TO CONSUMERS. 4/ ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1975

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK, CREAM AND BUTTER WHERE PRODUCED		GROSS PRODUCER INCOME 3/	VALUE OF MILK PRODUCED	
	MILK UTILIZED	AVERAGE RETURNS 1/		CASH RECEIPTS FROM MARKETINGS	MILK UTILIZED	VALUE 2/		2/	4/
		PER 100 POUNDS MILK	PER POUND MILKFAT						
		MIL LBS	DOL						
ALA	654	10.64	2.89	69,575	26	2,766	72,341	72,990	
ALAS	16.1	16.77	4.86	2,700	0.5	84	2,784	2,817	
ARIZ	831	9.39	2.65	78,028	2	188	78,216	78,876	
ARK	667	8.80	2.46	58,674	32	2,816	61,490	62,216	
CALIF	10,757	9.27	2.55	997,202	14	1,298	998,500	1,006,073	
COLO	803	9.39	2.58	75,426	17	1,596	77,022	79,346	
CONN	596	10.19	2.74	60,745	6	611	61,356	61,955	
DEL	124	9.51	2.59	11,794	2	190	11,984	12,078	
FLA	1,937	11.50	3.26	222,833	13	1,495	224,328	224,940	
GA	1,174	9.83	2.71	115,441	19	1,868	117,309	117,862	
HAW	143.7	14.30	4.19	20,549	0.8	114	20,663	20,878	
IDAHO	1,506	8.18	2.22	123,214	17	1,391	124,605	127,199	
ILL	2,398	8.30	2.24	199,106	18	1,494	200,600	202,520	
IND	2,169	8.67	2.30	188,148	23	1,994	190,142	191,607	
IOWA	3,738	8.14	2.21	304,224	75	6,105	310,329	316,890	
KANS	1,357	8.79	2.43	119,335	24	2,110	121,445	123,324	
KY	2,165	8.51	2.32	184,326	124	10,552	194,878	197,347	
LA	1,023	10.40	2.83	106,388	27	2,808	109,196	109,616	
MAINE	616	9.92	2.70	61,137	7	694	61,831	62,397	
MD	1,483	9.49	2.59	140,746	16	1,518	142,264	143,299	
MASS	589	10.17	2.80	59,884	7	712	60,596	61,122	
MICH	4,335	8.68	2.34	376,312	26	2,257	378,569	382,875	
MINN	8,719	7.75	2.13	675,323	80	6,200	681,523	693,315	
MISS	845	9.54	2.59	80,614	28	2,671	83,285	83,570	
MO	2,761	8.23	2.27	227,203	51	4,197	231,400	233,732	
MONT	256	8.69	2.39	22,245	14	1,217	23,462	24,158	
NEBR	1,380	7.92	2.15	109,342	27	2,138	111,480	113,335	
NEV	163	8.89	2.46	14,487	2	178	14,665	14,935	
N H	327	9.78	2.61	31,990	5	489	32,479	32,861	
N J	519	9.39	2.54	48,751	4	376	49,127	49,579	
N MEX	355	10.46	3.02	37,128	7	732	37,860	38,284	
N Y	9,736	8.83	2.45	859,599	89	7,859	867,458	879,821	
N C	1,410	10.60	2.90	149,392	70	7,420	156,812	157,940	
N DAK	865	7.27	2.04	62,927	25	1,818	64,745	66,666	
OHIO	4,148	8.97	2.40	372,014	53	4,754	376,768	382,032	
OKLA	1,016	9.19	2.58	93,410	28	2,573	95,983	97,414	
OREG	955	9.28	2.38	88,637	9	835	89,472	91,872	
PA	7,009	9.45	2.55	662,215	90	8,505	670,720	674,730	
R I	61	9.69	2.71	5,909	1	97	6,006	6,105	
S C	490	10.77	2.77	52,765	14	1,508	54,273	55,142	
S DAK	1,505	7.44	2.13	111,909	26	1,934	113,843	115,766	
TENN	1,917	8.81	2.37	168,809	60	5,286	174,095	178,931	
TEX	3,129	9.56	2.72	299,261	47	4,493	303,754	306,685	
UTAH	897	8.69	2.37	77,919	14	1,217	79,136	79,861	
VT	1,963	9.43	2.56	185,110	16	1,509	186,619	189,449	
VA	1,703	9.53	2.61	162,262	35	3,336	165,598	167,347	
WASH	2,275	9.16	2.43	208,299	13	1,191	209,490	212,695	
W VA	320	9.32	2.51	29,830	24	2,237	32,067	32,620	
WIS	18,355	8.18	2.18	1,500,541	172	14,070	1,514,611	1,546,020	
WYO	101	8.77	2.41	8,855	5	439	9,294	9,647	
U S	112,262	8.84	2.40	9,922,533	1,505	133,940	10,056,473	10,192,739	

1/ CASH RECEIPTS DIVIDED BY MILK OR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1976

STATE	NUMBER OF MILK COWS 1/ THOUS	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW		PERCENTAGE	TOTAL	
		MILK	MILKFAT	OF FAT IN ALL MILK PRODUCED:	MILK	MILKFAT
		LBS		PCT	MIL LBS	
ALA	88	7,750	284	3.66	682	25
ALAS	1.5	10,667	369	3.46	16.0	0.6
ARIZ	69	12,783	455	3.56	882	31
ARK	87	8,161	291	3.56	710	25
CALIF	811	14,282	514	3.60	11,583	417
COLO	72	11,597	416	3.59	835	30
CONN	53	11,623	430	3.70	616	23
DEL	12.2	11,066	407	3.68	135.0	5.0
FLA	201	10,065	347	3.45	2,023	70
GA	129	9,915	365	3.68	1,279	47
HAW	13.2	11,212	386	3.44	148.0	5.1
IDAHO	143	10,867	398	3.66	1,554	57
ILL	237	10,477	387	3.69	2,483	92
IND	209	10,718	403	3.76	2,240	84
IOWA	392	10,087	370	3.67	3,954	145
KANS	140	10,450	379	3.63	1,463	53
KY	281	8,480	314	3.70	2,383	88
LA	137	7,942	294	3.70	1,088	40
MAINE	59	10,644	392	3.68	628	23
MD	141	10,986	404	3.68	1,549	57
MASS	54	11,074	405	3.66	598	22
MICH	405	11,407	421	3.69	4,620	170
MINN	878	10,523	379	3.60	9,239	333
MISS	116	7,431	276	3.71	862	32
MO	306	9,539	346	3.63	2,919	106
MONT	26	10,577	380	3.59	275	10
NEBR	142	9,923	362	3.65	1,409	51
NEV	14.2	13,451	475	3.53	191.0	6.7
N H	31	10,806	404	3.74	335	13
N J	46	11,848	437	3.69	545	20
N MEX	31	13,065	452	3.46	405	14
N Y	912	11,182	406	3.63	10,198	370
N C	147	10,816	400	3.70	1,590	59
N DAK	111	8,541	303	3.55	948	34
OHIO	397	11,343	422	3.72	4,503	168
OKLA	117	9,419	334	3.55	1,102	39
OREG	92	11,130	432	3.88	1,024	40
PA	706	10,633	394	3.71	7,507	279
R I	5.5	10,909	398	3.65	60.0	2.2
S C	56	9,304	363	3.90	521	20
S DAK	173	9,642	342	3.55	1,668	59
TENN	210	9,981	373	3.74	2,096	78
TEX	320	10,341	367	3.55	3,309	117
UTAH	79	11,696	423	3.62	924	33
VT	194	10,789	399	3.70	2,093	77
VA	174	10,828	400	3.69	1,884	70
WASH	180	13,489	504	3.74	2,428	91
W VA	38	9,368	348	3.72	356	13
WIS	1,807	11,232	419	3.73	20,296	757
WYO	11.5	9,826	357	3.63	113.0	4.1
U S	11,055	10,879	399	3.66	120,269	4,406

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETING BY PRODUCERS, BY STATES, 1976

STATE	MILK USED WHERE PRODUCED			MILK MARKETING BY PRODUCERS			TOTAL
	FED TO CALVES 1/	USED FOR MILK, CREAM: AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS 2/		SOLD DIRECTLY TO CONSUMERS 3/	
				AS WHOLE MILK	AS SEPARATED CREAM		
MIL LBS							
ALA	6	26	32	630		20	650
ALAS	0.4	0.5	0.9	14.4		0.7	15.1
ARIZ	8	2	10	840		32	872
ARK	8	30	38	660		12	672
CALIF	81	13	94	11,145		344	11,489
COLO	28	15	43	750	5	37	792
CONN	6	6	12	585		19	604
DEL	1	2	3	131		1	132
FLA	6	13	19	1,975		29	2,004
GA	5	15	20	1,255		4	1,259
HAW	1.4	0.8	2.2	145.8		4/	145.8
IDAHO	34	15	49	1,490	2	13	1,505
ILL	24	16	40	2,440	1	2	2,443
IND	19	20	39	2,185	6	10	2,201
IOWA	72	64	136	3,780	25	13	3,818
KANS	24	21	45	1,400	8	10	1,418
KY	29	119	148	2,215		20	2,235
LA	4	26	30	1,045		13	1,058
MAINE	6	7	13	610		5	615
MD	11	16	27	1,515		7	1,522
MASS	5	7	12	550		36	586
MICH	57	28	85	4,490	20	25	4,535
MINN	146	74	220	9,010	9		9,019
MISS	3	25	28	830		4	834
MO	30	50	80	2,818	5	16	2,839
MONT	7	13	20	242	10	3	255
NEBR	27	27	54	1,325	26	4	1,355
NEV	3	2	5	185		1	186
N H	3	4	7	319		9	328
N J	5	3	8	515		22	537
N MEX	4	7	11	375		19	394
N Y	141	90	231	9,875		92	9,967
N C	10	65	75	1,495		20	1,515
N DAK	26	20	46	860	38	4	902
OHIO	54	47	101	4,385	1	16	4,402
OKLA	14	24	38	1,045	4	15	1,064
OREG	25	8	33	940	1	50	991
PA	50	80	130	7,060	15	302	7,377
R I	1	1	2	56		2	58
S C	8	13	21	492		8	500
S DAK	24	24	48	1,570	45	5	1,620
TENN	51	58	109	1,975		12	1,987
TEX	30	35	65	3,215		29	3,244
UTAH	10	15	25	855		44	899
VT	29	16	45	2,040		8	2,048
VA	18	35	53	1,825		6	1,831
WASH	26	10	36	2,240	6	146	2,392
W VA	6	21	27	320	2	7	329
WIS	371	170	541	19,740		15	19,755
WYO	4	5	9	100	1	3	104
U S	1,562	1,404	2,966	115,558	230	1,515	117,303

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS (EXCEPT FOR NEW YORK AND CALIFORNIA, WHERE SUCH MILK IS INCLUDED AS SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. INCLUDED IN MILK SOLD TO PLANTS.

MILK AND CREAM MARKETED BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1976

STATE	MILK SOLO TO PLANTS				CREAM SOLO TO PLANTS			MILK SOLD DIRECTLY		
	AND DEALERS				AND DEALERS			TO CONSUMERS 4/		
	QUANTITY	PERCENT	PRICE	CASH	QUANTITY	PRICE	CASH	QUANTITY	PRICE	CASH
	FLUID	GRADE	PER	RECEIPTS	MILKFAT	PER LB	RECEIPTS	PER	QUART	RECEIPTS
	MIL LBS	PCT	00L	1,000 00L	1,000 LBS	CT	1,000 00L	1,000 QTS	CT	1,000 DOL
ALA	630	98	10.80	68,040				9,302	45.0	4,186
ALAS	14.4	100	17.90	2,578				326	45.0	147
ARIZ	840	100	10.10	84,840				14,884	34.0	5,061
ARK	660	73	10.00	66,000				5,581	41.0	2,288
CALIF	11,145	95	9.27	1,033,142				160,000	35.0	56,000
COLO	750	2/	10.50	78,750	186	86	160	17,209	39.0	6,712
CONN	585	100	10.70	62,595				8,837	46.0	4,065
DEL	131	100	10.40	13,624				465	40.0	186
FLA	1,975	100	11.90	235,025				13,488	38.0	5,125
GA	1,255	100	10.70	134,285				1,860	49.0	911
HAW	145.8	100	15.05	3/21,943						
IDAHO	1,490	39	9.05	134,845	74	80	59	6,047	38.0	2,298
ILL	2,440	82	9.35	228,140	37	71	26	930	33.0	307
IND	2,185	90	9.85	215,223	230	88	202	4,651	41.0	1,907
IOWA	3,780	51	9.05	342,090	885	98	867	6,047	33.0	1,996
KANS	1,400	83	9.35	130,900	291	70	204	4,651	41.0	1,907
KY	2,215	81	9.45	209,318				9,302	38.0	3,535
LA	1,045	100	11.00	114,950				6,047	39.0	2,358
MAINE	610	100	10.80	65,880				2,326	42.0	977
MO	1,515	100	10.30	156,045				3,256	40.0	1,302
MASS	550	100	10.70	58,850				16,744	42.0	7,032
MICH	4,490	95	9.85	442,265	754	100	754	11,628	41.0	4,767
MINN	9,010	46	8.71	784,771	322	91	293			
MISS	830	96	10.30	85,490				1,860	38.0	707
MO	2,818	72	9.35	263,483	188	72	135	7,442	40.0	2,977
MONT	242	95	9.45	22,869	365	81	296	1,395	35.0	488
NEBR	1,325	52	9.20	121,900	939	70	657	1,860	44.0	818
NEV	185	100	9.50	17,575				465	35.0	163
N H	319	100	10.60	33,814				4,186	42.0	1,758
N J	515	100	10.30	53,045				10,233	35.0	3,582
N MEX	375	100	10.70	40,125				8,837	48.0	4,242
N Y	9,875	100	9.83	970,713				42,791	39.0	16,688
N C	1,495	98	10.60	158,470				9,302	37.0	3,442
N DAK	860	35	8.55	73,530	1,353	84	1,137	1,860	44.0	818
OHIO	4,385	91	9.90	434,115	38	83	32	7,442	36.0	2,679
OKLA	1,045	90	9.90	103,455	147	80	118	6,977	40.0	2,791
OREG	940	84	9.90	93,060	41	82	34	23,256	34.0	7,907
PA	7,060	98	10.40	734,240	554	75	416	140,465	32.0	44,949
R I	56	100	10.70	5,992				930	46.0	428
S C	492	100	11.30	55,596				3,721	45.0	1,674
S DAK	1,570	28	8.65	135,805	1,589	82	1,303	2,326	45.0	1,047
TENN	1,975	79	9.70	191,575				5,581	40.0	2,232
TEX	3,215	100	10.60	340,790				13,488	45.0	6,070
UTAH	855	73	9.45	80,798				20,465	34.0	6,958
VT	2,040	100	10.40	212,160				3,721	40.0	1,488
VA	1,825	91	10.20	186,150				2,791	40.0	1,116
WASH	2,240	100	9.65	216,160	241	77	186	67,907	35.0	23,767
W VA	320	2/	10.10	32,320	79	75	59	3,256	45.0	1,465
WIS	19,740	65	9.16	1,808,184				6,977	32.0	2,233
WYO	100	2/	9.85	9,850	37	77	28	1,395	41.0	572
U S	115,558	81	9.66	11,165,363	8,350	83.4	6,966	704,510	36.4	256,126

1/ PERCENTAGE OF MILK SOLO TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES). INCLUDES FLUID-GRADE MILK USED IN MANUFACTURED DAIRY PRODUCTS. 2/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. 3/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLO DIRECT TO CONSUMERS. 4/ ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1976

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK, CREAM AND BUTTER WHERE PRODUCED		GROSS PRODUCER INCOME	VALUE OF MILK PRODUCED
	MILK UTILIZED	AVERAGE RETURNS 1/		CASH RECEIPTS FROM MARKETINGS			3/	2/ 4/
		PER 100 POUNDS MILK	PER POUND MILKFAT		MILK UTILIZED	VALUE 2/		
	MIL LBS	DOL		1,000 DOL	MIL LBS		1,000 DOL	
ALA	650	11.11	3.04	72,226	26	2,889	75,115	75,770
ALAS	15.1	18.05	5.22	2,725	0.5	90	2,815	2,888
ARIZ	872	10.31	2.90	89,901	2	206	90,107	90,934
ARK	672	10.16	2.85	68,288	30	3,048	71,336	72,136
CALIF	11,489	9.48	2.63	1,089,142	13	1,232	1,090,374	1,098,068
COLO	792	10.81	3.01	85,622	15	1,622	87,244	90,264
CONN	604	11.04	2.98	66,660	6	662	67,322	68,006
DEL	132	10.46	2.84	13,810	2	209	14,019	14,121
FLA	2,004	11.98	3.47	240,150	13	1,557	241,707	242,355
GA	1,259	10.74	2.92	135,196	15	1,611	136,807	137,365
HAW	145.8	15.05	4.38	21,943	0.8	120	22,063	22,274
IDAHO	1,505	9.12	2.49	137,202	15	1,368	138,570	141,725
ILL	2,443	9.35	2.53	228,473	16	1,496	229,969	232,160
IND	2,201	9.87	2.63	217,332	20	1,974	219,306	221,088
IOWA	3,818	9.03	2.46	344,953	64	5,779	350,732	357,046
KANS	1,418	9.38	2.58	133,011	21	1,970	134,981	137,229
KY	2,235	9.52	2.57	212,853	119	11,329	224,182	226,862
LA	1,058	11.09	3.00	117,308	26	2,883	120,191	120,659
MAINE	615	10.87	2.95	66,857	7	761	67,618	68,264
MD	1,522	10.34	2.81	157,347	16	1,654	159,001	160,167
MASS	586	11.24	3.07	65,882	7	787	66,669	67,215
MICH	4,535	9.87	2.67	447,786	28	2,764	450,550	455,994
MINN	9,019	8.70	2.42	785,064	74	6,438	791,502	803,793
MISS	834	10.34	2.79	86,197	25	2,585	88,782	89,131
MO	2,839	9.39	2.59	266,595	50	4,695	271,290	274,094
MONT	255	9.28	2.58	23,653	13	1,206	24,859	25,520
NEBR	1,355	9.11	2.50	123,375	27	2,460	125,835	128,360
NEV	186	9.54	2.70	17,738	2	191	17,929	18,221
N H	328	10.85	2.90	35,572	4	434	36,006	36,348
N J	537	10.55	2.86	56,627	3	317	56,944	57,498
N MEX	394	11.26	3.25	44,367	7	788	45,155	45,603
N Y	9,967	9.91	2.73	987,401	90	8,919	996,320	1,010,622
N C	1,515	10.69	2.89	161,912	65	6,949	168,861	169,971
N DAK	902	8.37	2.36	75,485	20	1,674	77,159	79,348
OHIO	4,402	9.92	2.67	436,826	47	4,662	441,488	446,698
OKLA	1,064	10.00	2.82	106,364	24	2,400	108,764	110,200
OREG	991	10.19	2.63	101,001	8	815	101,816	104,346
PA	7,377	10.57	2.85	779,605	80	8,456	788,061	793,490
R I	58	11.07	3.03	6,420	1	111	6,531	6,642
S C	500	11.45	2.94	57,270	13	1,489	58,759	59,655
S DAK	1,620	8.53	2.40	138,155	24	2,047	140,202	142,280
TENN	1,987	9.75	2.61	193,807	58	5,655	199,462	204,360
TEX	3,244	10.69	3.01	346,860	35	3,742	350,602	353,732
UTAH	899	9.76	2.70	87,756	15	1,464	89,220	90,182
VT	2,048	10.43	2.82	213,648	16	1,669	215,317	218,300
VA	1,831	10.23	2.77	187,266	35	3,581	190,847	192,733
WASH	2,392	10.04	2.68	240,113	10	1,004	241,117	243,771
W VA	329	10.29	2.77	33,844	21	2,161	36,005	36,632
WIS	19,755	9.16	2.46	1,810,417	170	15,572	1,825,989	1,859,114
WYO	104	10.05	2.77	10,450	5	503	10,953	11,357
U S	117,303	9.74	2.66	11,428,455	1,404	137,998	11,566,453	11,714,591

1/ CASH RECEIPTS DIVIDED BY MILK FOR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

MILK COWS AND PRODUCTION OF MILK AND MILKFAT, BY STATES, 1977

STATE	NUMBER OF MILK COWS 1/	PRODUCTION OF MILK AND MILKFAT 2/				
		PER MILK COW		PERCENTAGE	TOTAL	
		MILK	MILKFAT	OF FAT IN ALL	MILK	MILKFAT
				MILK PRODUCED		
	THOUS	LBS		PCT	MIL LBS	
ALA	85	8,047	293	3.64	684	25
ALAS	1.5	11,000	377	3.43	16.5	0.6
ARIZ	69	13,246	473	3.57	914	33
ARK	89	8,315	292	3.51	740	26
CALIF	827	14,462	516	3.57	11,960	427
COLO	71	11,930	424	3.55	847	30
CONN	52	12,000	444	3.70	624	23
DEL	12.0	11,417	421	3.69	137.0	5.1
FLA	198	9,914	348	3.51	1,963	69
GA	129	9,946	366	3.68	1,283	47
HAW	13.0	11,538	396	3.43	150.0	5.1
IDAHO	141	11,348	407	3.59	1,600	57
ILL	234	10,598	391	3.69	2,480	92
IND	208	10,913	409	3.75	2,270	85
IOWA	386	10,984	402	3.66	4,240	155
KANS	140	10,436	379	3.63	1,461	53
KY	278	8,871	327	3.69	2,466	91
LA	132	8,258	302	3.66	1,090	40
MAINE	58	11,000	403	3.66	638	23
MD	138	11,449	422	3.69	1,580	58
MASS	51	11,765	433	3.68	600	22
MICH	403	11,814	436	3.69	4,761	176
MINN	866	10,950	393	3.59	9,483	340
MISS	112	7,661	282	3.68	858	32
MO	298	9,926	359	3.62	2,958	107
MONT	27	10,926	394	3.61	295	11
NEBR	133	10,105	369	3.65	1,344	49
NEV	14.3	13,846	479	3.46	198.0	6.9
N H	31	10,935	408	3.73	339	13
N J	47	11,702	433	3.70	550	20
N MEX	31	13,742	471	3.43	426	15
N Y	914	11,190	402	3.59	10,228	367
N C	151	11,000	404	3.67	1,661	61
N DAK	107	8,794	312	3.55	941	33
OHIO	400	11,370	421	3.70	4,548	168
OKLA	116	9,655	342	3.54	1,120	40
OREG	93	11,312	432	3.82	1,052	40
PA	703	11,083	412	3.72	7,791	290
R I	5.0	11,400	416	3.65	57.0	2.1
S C	56	9,482	367	3.87	531	21
S DAK	171	9,766	349	3.57	1,670	60
TENN	208	9,716	363	3.74	2,021	76
TEX	315	10,683	376	3.52	3,365	118
UTAH	78	12,000	427	3.56	936	33
VT	192	10,984	404	3.68	2,109	78
VA	173	11,098	406	3.66	1,920	70
WASH	176	14,517	540	3.72	2,555	95
W VA	38	8,763	324	3.70	333	12
WIS	1,802	11,676	437	3.74	21,041	787
WYO	11.6	10,517	382	3.63	122.0	4.4
U S	10,984	11,194	409	3.65	122,957	4,492

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK USED AND MARKETING BY PRODUCERS, BY STATES, 1977

STATE	MILK USED WHERE PRODUCED			MILK MARKETED BY PRODUCERS			
	FED TO CALVES 1/	USED FOR MILK, CREAM AND BUTTER	TOTAL	SOLD TO PLANTS AND DEALERS 2/		SOLD DIRECTLY TO CONSUMERS 3/	TOTAL
				AS WHOLE MILK	AS SEPARATED CREAM		
	MIL LBS						
ALA	5	23	28	635		21	656
ALAS	0.3	0.4	0.7	15.2		0.6	15.8
ARIZ	7	2	9	860		45	905
ARK	9	28	37	690		13	703
CALIF	77	12	89	11,530		341	11,871
COLO	27	15	42	760	5	40	805
CONN	6	6	12	595		17	612
DEL	1	2	3	133		1	134
FLA	6	12	18	1,915		30	1,945
GA	7	13	20	1,255		8	1,263
HAW	1.5	1.0	2.5	147.5		4/	147.5
IDAHO	35	14	49	1,535	2	14	1,551
ILL	24	14	38	2,440		2	2,442
IND	20	18	38	2,215	6	11	2,232
IOWA	72	57	129	4,070	26	15	4,111
KANS	23	19	42	1,405	6	8	1,419
KY	30	116	146	2,295		25	2,320
LA	4	24	28	1,050		12	1,062
MAINE	6	7	13	620		5	625
MD	11	16	27	1,545		8	1,553
MASS	5	6	11	550		39	589
MICH	62	29	91	4,625	18	27	4,670
MINN	138	67	205	9,270	8		9,278
MISS	3	19	22	830		6	836
MO	29	30	59	2,880		16	2,899
MONT	7	12	19	264	10	2	276
NEBR	25	26	51	1,265	24	4	1,293
NEV	3	2	5	192		1	193
N H	3	4	7	322		10	332
N J	5	3	8	520		22	542
N MEX	4	7	11	398		17	415
N Y	130	86	216	9,920		92	10,012
N C	10	61	71	1,570		20	1,590
N DAK	28	15	43	865	29	4	898
OHIO	52	49	101	4,430		17	4,447
OKLA	13	24	37	1,065	3	15	1,083
OREG	24	8	32	975		45	1,020
PA	55	70	125	7,370	15	281	7,666
R I	1	1	2	53		2	55
S C	9	13	22	500		9	509
S DAK	24	22	46	1,575	44	5	1,624
TENN	49	55	104	1,905		12	1,917
TEX	35	25	60	3,275		30	3,305
UTAH	9	12	21	875		40	915
VT	30	16	46	2,055		8	2,063
VA	18	35	53	1,860		7	1,867
WASH	23	8	31	2,390	3	131	2,524
W VA	6	20	26	298	2	7	307
WIS	358	168	526	20,500		15	20,515
WYO	4	4	8	110	1	3	114
U S	1,534	1,296	2,830	118,418	205	1,504	120,127

1/ EXCLUDES MILK SUCKED BY CALVES. 2/ INCLUDES MILK PRODUCED BY DEALERS' OWN HERDS (EXCEPT FOR NEW YORK AND CALIFORNIA, WHERE SUCH MILK IS INCLUDED AS SOLD DIRECTLY TO CONSUMERS). 3/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 4/ NOT PUBLISHED TO AVOID DISCLOSING INDIVIDUAL OPERATIONS. INCLUDED IN MILK SOLD TO PLANTS.

MILK AND CREAM MARKETING BY PRODUCERS: QUANTITY, PRICE AND CASH RECEIPTS, BY STATES, 1977

STATE	MILK SOLD TO PLANTS AND DEALERS				CREAM SOLD TO PLANTS AND DEALERS				MILK SOLD DIRECTLY TO CONSUMERS 4/		
	QUANTITY	PERCENT	PRICE	CASH	QUANTITY	PRICE	CASH	QUANTITY	PRICE	CASH	
	FLUID	PER	PER	RECEIPTS	MILKFAT	PER LB	RECEIPTS	QUANTITY	PER	RECEIPTS	
	GRADE 1/	100 LBS	100 LBS			FAT		QUART	QUART		
	MIL LBS	PCT	DOL	1,000 DOL	1,000 LBS	CT	1,000 DOL	1,000 QTS	CT	1,000 DOL	
ALA	635	98	10.90	69,215				9,767	35.0	3,418	
ALAS	15.2	100	17.80	2,706				279	45.0	126	
ARIZ	860	100	10.10	86,860				20,930	35.0	7,326	
ARK	690	71	10.00	69,000				6,047	35.0	2,116	
CALIF	11,530	96	9.76	1,125,328				158,605	35.0	55,512	
COLO	760	2/	10.40	79,040	184	100	184	18,605	40.0	7,442	
CONN	595	100	10.60	63,070				7,907	46.0	3,637	
DEL	133	100	10.40	13,832				465	40.0	186	
FLA	1,915	100	12.20	233,630				13,953	40.0	5,581	
GA	1,255	100	10.50	131,775				3,721	53.0	1,972	
HAW	147.5	100	15.70	3/23,158							
IDAHO	1,535	43	9.00	138,150	72	73	53	6,512	39.0	2,540	
ILL	2,440	82	9.45	230,580				930	35.0	326	
IND	2,215	90	9.95	220,393	230	91	209	5,116	42.0	2,149	
IOWA	4,070	52	9.05	368,335	918	110	1,010	6,977	45.0	3,140	
KANS	1,405	84	9.60	134,880	218	65	142	3,721	36.0	1,340	
KY	2,295	79	9.45	216,878				11,628	41.0	4,767	
LA	1,050	100	10.70	112,350				5,581	39.0	2,177	
MAINE	620	100	10.80	66,960				2,326	42.0	977	
MD	1,545	100	10.40	160,680				3,721	40.0	1,488	
MASS	550	100	10.70	58,850				18,140	42.0	7,619	
MICH	4,625	96	9.65	446,313	679	105	713	12,558	43.0	5,400	
MINN	9,270	49	8.81	816,687	286	100	286				
MISS	830	95	10.20	84,660				2,791	39.0	1,088	
MO	2,880	73	9.30	267,840	112	76	85	7,442	46.0	3,423	
MONT	264	93	9.95	26,268	367	88	323	930	36.0	335	
NEBR	1,265	54	9.20	116,380	866	65	563	1,860	44.0	818	
NEV	192	100	9.75	18,720				465	40.0	186	
N H	322	100	10.60	34,132				4,651	42.0	1,953	
N J	520	100	10.20	53,040				10,233	36.0	3,684	
N MEX	398	100	10.80	42,984				7,907	51.0	4,033	
N Y	9,920	100	9.75	967,200				42,791	38.0	16,261	
N C	1,570	97	10.90	171,130				9,302	35.0	3,256	
N DAK	865	35	8.60	74,390	1,032	84	867	1,860	43.0	800	
OHIO	4,430	91	9.80	434,140				7,907	42.0	3,321	
OKLA	1,065	89	10.00	106,500	110	73	80	6,977	42.0	2,930	
OREG	975	85	9.90	96,525				20,930	34.0	7,116	
PA	7,370	98	10.40	766,480	555	90	500	130,698	32.0	41,823	
R I	53	100	10.70	5,671				930	46.0	428	
S C	500	100	11.40	57,000				4,186	47.0	1,967	
S DAK	1,575	28	8.85	139,388	1,562	101	1,578	2,326	40.0	930	
TENN	1,905	82	9.75	185,738				5,581	39.0	2,177	
TEX	3,275	100	10.70	350,425				13,953	50.0	6,977	
UTAH	875	74	9.35	81,813				18,605	31.0	5,768	
VT	2,055	100	10.30	211,665				3,721	40.0	1,488	
VA	1,860	91	10.30	191,580				3,256	41.0	1,335	
WASH	2,390	100	9.70	231,830	120	79	95	60,930	35.0	21,326	
W VA	298	2/	9.95	29,651	79	85	67	3,256	48.0	1,563	
WIS	20,500	66	9.21	1,888,050				6,977	33.0	2,302	
WYO	110	2/	9.70	10,670	37	85	31	1,395	42.0	586	
U S	118,418	82	9.72	11,512,540	7,427	91.4	6,786	699,349	36.8	257,113	

1/ PERCENTAGE OF MILK SOLD TO PLANTS AND DEALERS THAT IS ELIGIBLE FOR FLUID USE (GRADE A IN MOST STATES).
 INCLUDES FLUID-GRADE MILK USED IN MANUFACTURED DAIRY PRODUCTS. 2/ NOT PUBLISHED TO AVOID DISCLOSING
 INDIVIDUAL OPERATIONS. 3/ BASED ON UNROUNDED VALUE. INCLUDES MILK SOLD DIRECT TO CONSUMERS. 4/ ALSO
 INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS.

MARKETINGS, INCOME, AND VALUE OF MILK PRODUCTION, BY STATES, 1977

STATE	COMBINED MARKETINGS OF MILK AND CREAM				USED FOR MILK, CREAM AND BUTTER		GROSS PRODUCER INCOME	VALUE OF MILK PRODUCED
	AVERAGE RETURNS 1/		CASH RECEIPTS FROM MARKETINGS	CASH RECEIPTS FROM MARKETINGS	WHERE PRODUCED		3/	2/ 4/
	MILK UTILIZED	PER 100 POUNDS			MILK	VALUE 2/		
	MIL LBS	DOLLARS	1,000 DOL	1,000 DOL	MIL LBS	1,000 DOLLARS		
ALA	656	11.07	3.04	72,633	23	2,546	75,179	75,719
ALAS	15.8	17.92	5.22	2,832	0.4	72	2,904	2,957
ARIZ	905	10.41	2.92	94,186	2	208	94,394	95,147
ARK	703	10.12	2.88	71,116	28	2,834	73,950	74,888
CALIF	11,871	9.95	2.79	1,180,840	12	1,194	1,182,034	1,190,020
COLO	805	10.77	3.03	86,666	15	1,616	88,282	91,222
CONN	612	10.90	2.95	66,707	6	654	67,361	68,016
DEL	134	10.46	2.83	14,018	2	209	14,227	14,330
FLA	1,945	12.30	3.50	239,211	12	1,476	240,687	241,449
GA	1,263	10.59	2.88	133,747	13	1,377	135,124	135,870
HAW	147.5	15.70	4.58	23,158	1	157	23,315	23,550
IDAHO	1,551	9.07	2.53	140,743	14	1,270	142,013	145,120
ILL	2,442	9.46	2.56	230,906	14	1,324	232,230	234,608
IND	2,232	9.98	2.66	222,751	18	1,796	224,547	226,546
IOWA	4,111	9.06	2.48	372,485	57	5,164	377,649	384,144
KANS	1,419	9.61	2.65	136,362	19	1,826	138,188	140,402
KY	2,320	9.55	2.59	221,645	116	11,078	232,723	235,503
LA	1,062	10.78	2.95	114,527	24	2,587	117,114	117,502
MAINE	625	10.87	2.97	67,937	7	761	68,698	69,351
MD	1,553	10.44	2.83	162,168	16	1,670	163,838	164,952
MASS	589	11.29	3.07	66,469	6	677	67,146	67,740
MICH	4,670	9.69	2.63	452,426	29	2,810	455,236	461,341
MINN	9,278	8.81	2.45	816,973	67	5,903	822,876	835,452
MISS	836	10.26	2.79	85,748	19	1,949	87,697	88,031
MO	2,899	9.36	2.59	271,348	30	2,808	274,156	276,869
MONT	276	9.76	2.70	26,926	12	1,171	28,097	28,792
NEBR	1,293	9.11	2.50	117,761	26	2,369	120,130	122,438
NEV	193	9.80	2.83	18,906	2	196	19,102	19,404
N H	332	10.87	2.91	36,085	4	435	36,520	36,849
N J	542	10.47	2.83	56,724	3	314	57,038	57,585
N MEX	415	11.33	3.30	47,017	7	793	47,810	48,266
N Y	10,012	9.82	2.74	983,461	86	8,445	991,906	1,004,390
N C	1,590	10.97	2.99	174,386	61	6,692	181,078	182,212
N DAK	898	8.47	2.39	76,057	15	1,271	77,328	79,703
OHIO	4,447	9.84	2.66	437,461	49	4,822	442,283	447,523
OKLA	1,083	10.11	2.86	109,510	24	2,426	111,936	113,232
OREG	1,020	10.16	2.66	103,641	8	813	104,454	106,883
PA	7,666	10.55	2.84	808,803	70	7,385	816,188	821,950
R I	55	11.09	3.04	6,099	1	111	6,210	6,321
S C	509	11.58	2.99	58,967	13	1,505	60,472	61,490
S DAK	1,624	8.74	2.45	141,896	22	1,923	143,819	145,958
TENN	1,917	9.80	2.62	187,915	55	5,390	193,305	198,058
TEX	3,305	10.81	3.07	357,402	25	2,703	360,105	363,757
UTAH	915	9.57	2.69	87,581	12	1,148	88,729	89,575
VT	2,063	10.33	2.81	213,153	16	1,653	214,806	217,860
VA	1,867	10.33	2.82	192,915	35	3,616	196,531	198,336
WASH	2,524	10.03	2.70	253,251	8	802	254,053	256,267
W VA	307	10.19	2.75	31,281	20	2,038	33,319	33,933
WIS	20,515	9.21	2.46	1,890,352	168	15,473	1,905,825	1,937,876
WYO	114	9.90	2.73	11,287	4	396	11,683	12,078
U S	120,127	9.80	2.68	11,776,439	1,296	127,856	11,904,295	12,051,465

1/ CASH RECEIPTS DIVIDED BY MILK FOR MILKFAT REPRESENTED IN COMBINED MARKETINGS. 2/ VALUED AT AVERAGE RETURNS PER 100 POUNDS OF MILK IN COMBINED MARKETINGS OF MILK AND CREAM. 3/ CASH RECEIPTS FROM MARKETINGS OF MILK AND CREAM PLUS VALUE OF MILK USED FOR HOME CONSUMPTION AND PRODUCER-CHURNED BUTTER. 4/ INCLUDES VALUE OF MILK FED TO CALVES.

SUPPLY AND UTILIZATION OF MILK, 1/ UNITED STATES, 1975-77.

ITEM	1975	1976	1977
		MIL LBS	
MILK PRODUCTION	115,334	120,269	122,957
NET IMPORTS OF INGREDIENTS (M.E.) 2/	181	219	228
NET CHANGE IN STORAGE CREAM (M.E.) 3/	-17	39	20
TOTAL SUPPLY	115,498	120,527	123,205
UTILIZATION (MILK EQUIVALENT)			
USED IN MANUFACTURED PRODUCTS--			
CREAMERY BUTTER, TOTAL M. E.	21,992	21,947	24,419
M. E. OF BUTTER FROM WHEY CREAM	2,119	2,543	2,535
NET MILK EQUIVALENT	19,873	19,404	21,884
CHEESE:			
AMERICAN	16,452	20,581	20,577
OTHER	7,431	8,182	8,479
COTTAGE CHEESE, CREAMED	1,028	1,050	1,057
CANNED MILK:			
EVAPORATED, SWEETENED CONDENSED	2,020	1,892	1,667
BULK CONDENSED WHOLE MILK:			
UNSWEETENED	510	435	362
SWEETENED	176	208	183
DRY WHOLE MILK	464	554	493
ICE CREAM AND OTHER FROZEN DAIRY			
PRODUCTS, TOTAL M. E.	14,046	13,722	13,688
M. E. OF BUTTER AND CONDENSED MILK USED			
IN ICE CREAM	2,148	2,099	2,048
NET MILK EQUIVALENT	11,898	11,623	11,640
OTHER MANUFACTURED PRODUCTS 4/	672	744	755
TOTAL MANUFACTURED PRODUCTS	60,524	64,673	67,097
AVAILABLE FOR USE IN FLUID PRODUCTS			
SOLD BY DEALERS	49,560	49,990	49,885
SOLD BY PRODUCERS DIRECTLY TO			
CONSUMERS 5/	1,563	1,515	1,504
TOTAL USED FOR FLUID PRODUCTS	51,123	51,505	51,389
USED WHERE PRODUCED--			
FED TO CALVES	1,567	1,562	1,534
CONSUMED AS FLUID MILK, CREAM AND			
PRODUCER-CHURNED BUTTER	1,505	1,404	1,296
TOTAL USED	3,072	2,966	2,830
RESIDUAL 6/	779	1,383	1,889
TOTAL UTILIZATION	115,498	120,527	123,205

1/ MILK PRODUCTION PLUS THE MILK EQUIVALENT OF NET IMPORTS OF DAIRY MANUFACTURING INGREDIENTS AND NET OUT-OF-STORAGE MOVEMENT OF CREAM EQUALS TOTAL SUPPLY. DATA ON MILK USED IN MANUFACTURING PRODUCTS ARE BASED ON TOTAL MILKFAT REQUIRED TO PRODUCE THE PRODUCTS AND INCLUDE THE MILK EQUIVALENT OF ANY IMPORTED INGREDIENTS USED. 2/ WHOLE MILK EQUIVALENT (MILKFAT BASIS) OF NET IMPORTS OF DAIRY MANUFACTURING INGREDIENTS SUCH AS FROZEN CREAM AND BUTTERFAT-SUGAR MIXTURES. 3/ WHOLE MILK EQUIVALENT OF NET OUT-OF-STORAGE MOVEMENT OF FLUID AND PLASTIC CREAM DURING THE YEAR. A NEGATIVE FIGURE REPRESENTS A NET MOVEMENT OF CREAM INTO STORAGE. 4/ WHOLE MILK EQUIVALENT OF DRY CREAM, MALTED MILK POWDER, PART-SKIM DRY MILK, DRY OR CONCENTRATED ICE CREAM MIX, DEHYDRATED BUTTERFAT AND OTHER MISCELLANEOUS PRODUCTS USING MILKFAT. 5/ SALES DIRECTLY TO CONSUMERS BY PRODUCERS WHO SELL ONLY MILK FROM THEIR OWN HERDS. ALSO INCLUDES MILK PRODUCED BY INSTITUTIONAL HERDS. 6/ RESIDUAL, INCLUDES MINOR MISCELLANEOUS USES AND ANY INACCURACIES IN PRODUCTION AND UTILIZATION ESTIMATES.